

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Kazuhiro BARADA, Masao YAMAGUCHI,
Masahiro SASAKI

New U.S. Patent Application

Filed: June 12, 2000

Docket No.: 106440

For: METHOD AND APPARATUS FOR MANUFACTURING MAGNETORESISTIVE
ELEMENT, SOFTWARE AND SYSTEM FOR CONTROLLING MANUFACTURING OF
MAGNETORESISTIVE ELEMENT, SOFTWARE FOR ESTIMATING RESISTANCE VALUE OF
MAGNETORESISTIVE ELEMENT, AND COMPUTER SYSTEM

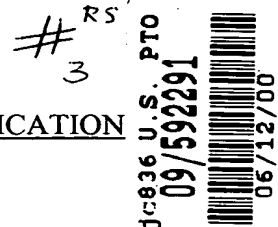
INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date or the date of filing a CPA, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed with a Request for Continued Examination. No certification or fee is required.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
 - ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
 - ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).



- ☐ c. Attached is our check no. _____ in the amount of \$240.00 in payment of the fee under 37 CFR §1.17(p). Please credit or debit Deposit Account No. 15-0461 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ 4. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our Check No. _____ in the amount of \$130.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please credit or debit Deposit Account No. 15-0461 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
- ☒ 5. Relevance of the non-English language reference(s) is discussed in the present specification.
- ☒ 6. U.S. Patent No. 4,914,868 corresponds to Japanese Patent No. 02-95572.

Respectfully submitted,

James A. Oliff
Registration No. 27,075Thomas J. Pardini
Registration No. 30,411

JAO:TJP/sdk

Date: June 12, 2000

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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APPLICATION.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Kazuhiro BARADA, Masao YAMAGUCHI, Masahiro SASAKIFILING DATE
June 12, 2000

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
		4,914,868	4/90	CHURCH et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
		2-95572	4/90	Japan		
		11-863 (w/abstract)	1/99	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.